

ABSTRACT OF THE DISCLOSURE

A centralized power distribution unit for a vehicular thin brushless motor includes a plurality of bus bars and a resin insulating layer that covers the bus bars. The bus bars are disposed correspondingly with phases of the motor. Each of the bus bars has a terminal portion to be connected to a battery and one or more tabs to be connected respectively to one or more windings of a stator. Each of the bus bars is shaped into a substantially annular shape by bending a molded material in a thickness direction. The molded material is obtained by stamping out a conductive metal plate into a strip-like shape. Diameters of the annular shapes of the bus bars are set to be different from one another depending on the corresponding phase of the motor. The bus bars are stacked in a radial direction of the centralized power distribution unit, mutually separated by a predetermined gap.